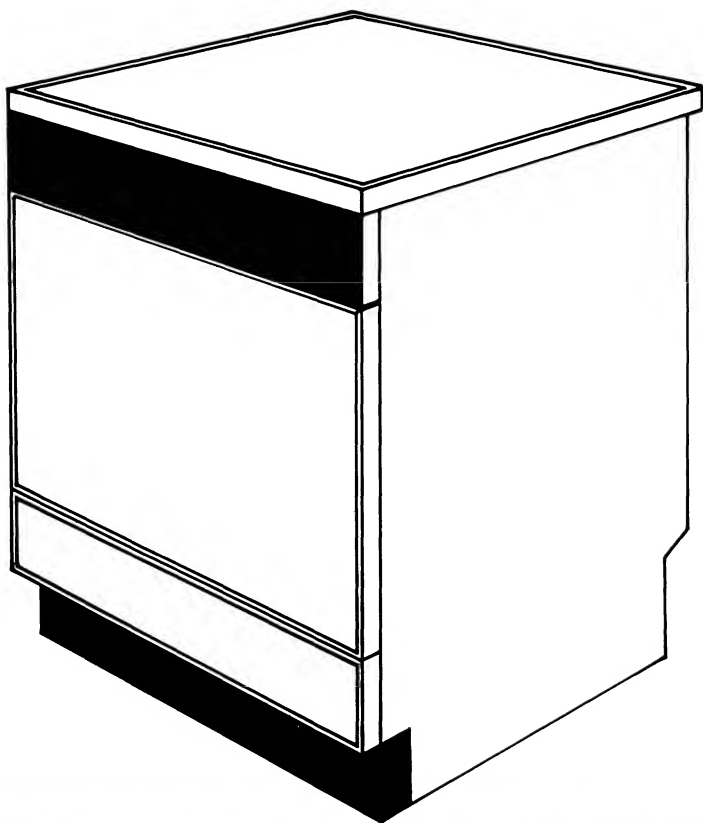


# INSTRUCTIONS FOR THE USE AND CARE OF ZANUSSI DISHWASHERS



MODEL Nos DW400, DW600,  
DW650M, DW700,  
DW1100M

**ZANUSSI**  
The appliance of science

**It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can be acquainted with the functioning of the appliance and the relevant warnings.**

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# Dishwasher warnings

**THESE WARNINGS ARE PROVIDED IN THE INTEREST OF SAFETY. YOU MUST READ THEM CAREFULLY BEFORE INSTALLING OR USING THE APPLIANCE.**

Unplug the appliance and turn off the water after use.

Any plumbing work to install this appliance should be carried out by a qualified plumber or competent person.

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the products.

This product should be serviced by an authorised Zanussi Network Service Centre, and only genuine Zanussi spare parts should be used.

It is dangerous to alter the specifications or modify the product in any way.

Care must be taken to ensure that the appliance does not stand on the electrical supply cable.

Zanussi dishwashers are designed to be used for washing normal household utensils. Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals are not to be washed in a dishwasher.

When finishing loading or unloading close the door, as an open door can be a hazard.

If your house is fitted with a water softening unit, it is not necessary to add

salt to the water softening unit in the dishwasher.

Do not put in your dishwasher: Cutlery with wooden or horn handles or glued parts, bronze cutlery, saucepans with wooden handles unless they are sold as dishwasher proof, aluminium ware, crystal ware, leaded glass, plastic articles unless sold as dishwasher proof, antique china or fine decorated china unless sold as dishwasher proof. Always check with the manufacturer of the item if in any doubt.

A chemical reaction can occur between silver cutlery and stainless steel cutlery. As a precaution do not wash together.

Under no circumstances should you open the door whilst the appliance is in operation. Always turn off the appliance before opening the door.

Built-in dishwashers only: The appliance must be secured to the underside of the worktop using the brackets provided. Failure to do this could result in an unstable appliance which may cause damage or injury.

Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Refer to your local Zanussi Network Service Centre. Always insist on genuine Zanussi spare parts.

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Please note that the specifications of your appliance may differ slightly from those shown in this leaflet.

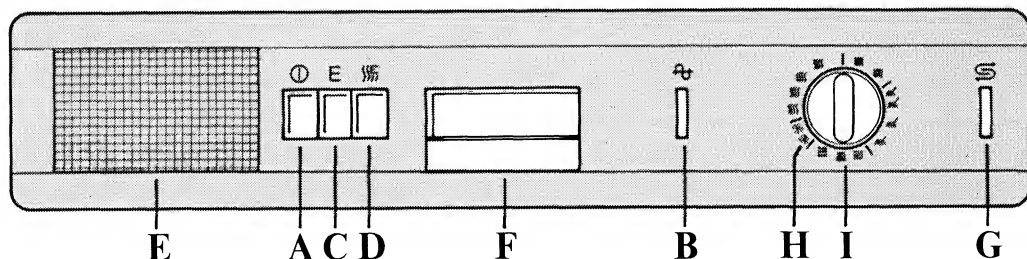
# Specifications

	DW400	DW600 DW650M	DW700	DW1100M
Width	600mm 23.6"	600mm 23.6"	600mm 23.6"	600mm 23.6"
Overall depth	570mm 22.4"	570mm 22.4"	570mm 22.4"	570mm 22.4"
Overall depth with door open	1200mm 47.2"	1200mm 47.2"	1200mm 47.2"	1200mm 47.2"
Height	850mm 33.5"	850mm 33.5" (DW650M) 900mm 35.4"	850mm 33.5"	900mm 35.4"
Capacity (IEC place settings)	12	12	12	12
Supply voltage	220/240V 50Hz	220/240V 50Hz	220/240V 50Hz	220/240V 50Hz
<b>Motor rating</b>				
During washing	250W	250W	250W	250W
Heater element	2570W	2800W	2800W	2570W
Maximum power absorbed	2820W	3050W	3050W	2820W
<b>Water supply pressure</b>				
Minimum	7psi 49KN/sq.m.	7psi 49KN/sq.m.	7psi 49KN/sq.m.	7psi 49KN/sq.m.
Maximum	110psi 758KN/sq.m.	110psi 758KN/sq.m.	110psi 758KN/sq.m.	110psi 758KN/sq.m.

## Decor Panel Size

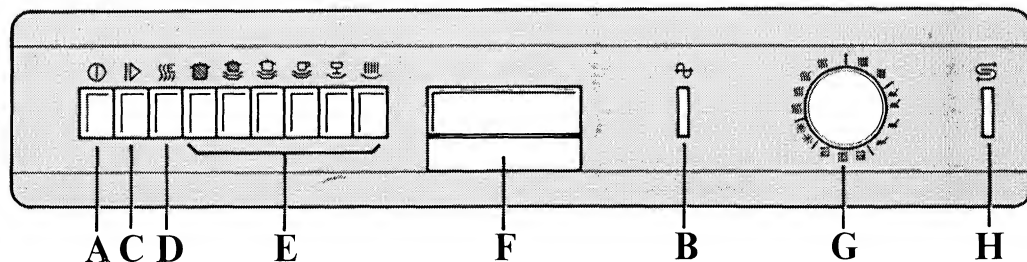
	Width	Height	Thickness
Door Panel	590mm	461mm	4mm (max)
Bottom Panel	590mm	114mm	4mm (max)

# DW400, DW600, DW650M, DW700



- A - Start/Stop button
- B - Mains on indicator
- C - Temperature selection button (NOT DW400)
- D - Economy drying button (NOT DW400, DW600, DW650M)
- E - Programme guide
- F - Door handle
- G - Salt refill indicator (NOT DW400, DW600, DW650M)
- H - Wash cycle phase indicator
- I - Programme Selector

# DW1100M



- A - Start/Stop button
- B - Mains on indicator
- C - Start control
- D - Economy Drying button
- E - Wash Programme buttons
- F - Door handle
- G - Wash-cycle phase indicator
- H - Salt refill indicator

Please note that the external appearance of your appliance may differ slightly from that shown in the instruction book.

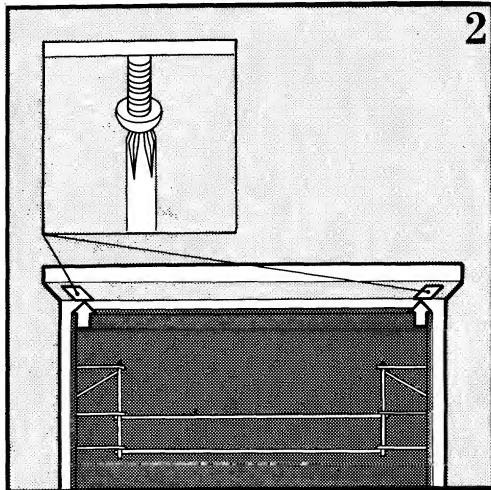
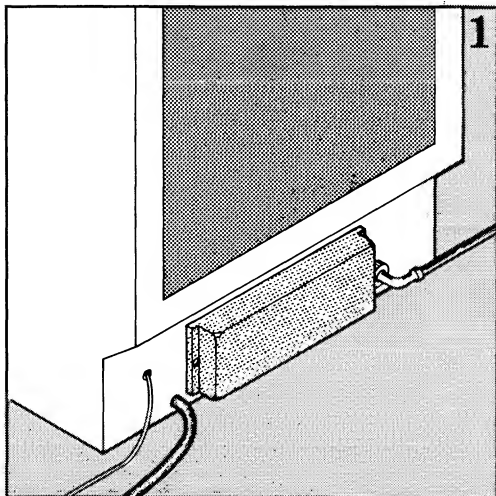
# Installation

## Positioning

Apart from the need to position your dishwasher close to an existing water supply and waste outlet — long runs of new pipework can be expensive — you can put it almost anywhere you please; either on its own, or incorporated into a run of «standard» metric kitchen units. If you choose the latter option, you will find that the machine has a number of useful features making it easier to blend in with the units.

Firstly, the machine can be set hard against walls and adjacent units — there is no need to leave a gap all round, and the dishwasher features fill and drain hoses which can be turned to the right or left to suit the installation (see fig. 1).

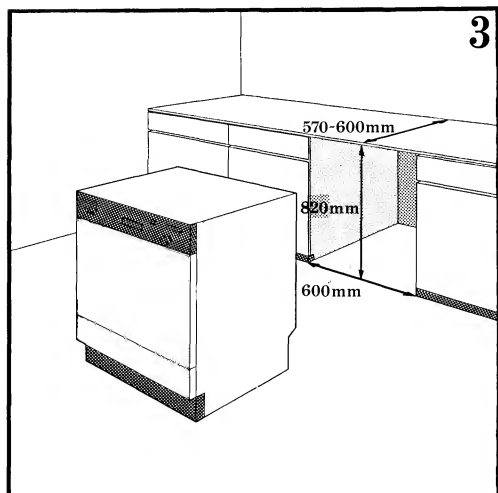
Secondly, the integral worktop may be adjusted by up to 25 mm (1 inch), either forwards or backwards, to align it with any adjacent units' worktops. To do this, simply remove the screws from the brackets beneath the worktop's front lip (see fig. 2), make the desired re-



alignment, and replace the screws to fix the worktop in place (see fig. 3). Alternatively, if you prefer to install the machine beneath an existing worktop, the machine's integral worktop can be removed merely by removing the front securing screws as above, and releasing the worktop from its rear catch. This done, the dishwasher will fit into a recess of the dimensions given in figure 3.

### Important

Please ensure that when the appliance is installed it is easily accessible for the engineer in the event of a breakdown.



### Building-in instructions

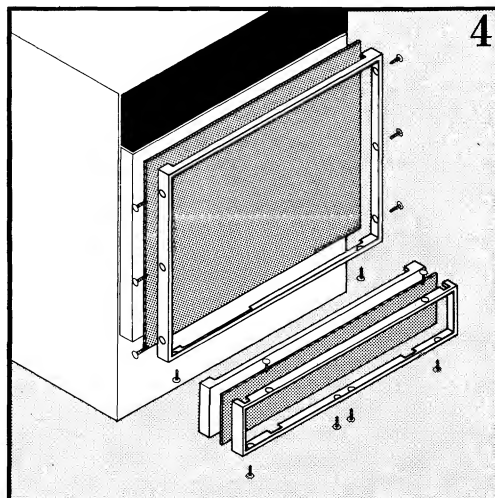
#### Fitting «decor panels» DW650M, DW700 and DW1100M

To give the dishwasher a completely «built-in» look, both the door and lower panel can be covered with sheets of plastic laminate (you must provide these yourself) to match the doors of adjacent units.

To fit these «decor panels», start by loosening the bottom panel's retaining screws (see fig. 4) and freeing it from its top catch.

Make sure these screws are not removed completely. Next, remove the metal trim screwed to both the door and lower panel, fit the covering sheets of plastic laminate, and clamp them in position by replacing the metal trims. Finally, hook the lower panel onto its top catch and retighten the lower retaining screws.

**Please note:** The decor panels should be fitted **before** building the appliance in.





### Adjusting the height of the machine (DW650M, DW1100M)

The machine's total height may be reduced 50 mm by removing the plinth. To carry out this operation to proceed as follows:

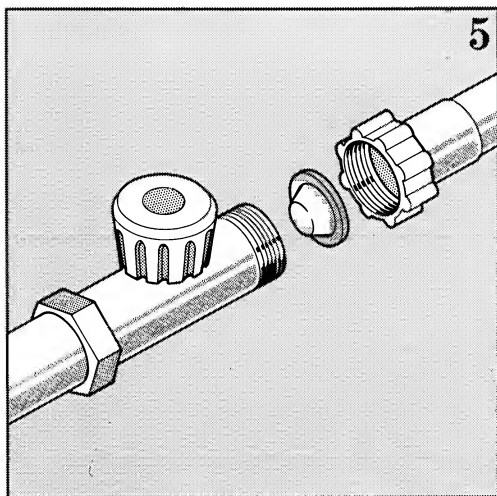
- a) remove the front kick-plate which is fastened to the appliance by means of two screws;
- b) lean the appliance on the side and remove the plinth by unscrewing the four screws which fasten it to the bottom;
- c) remove from the plinth the four feet and screw them on the holes provided on the two cross-pieces at the bottom of the appliance.
- d) mount the smaller kick-plate.

### Water supply connections

This Zanussi dishwasher may be connected to either a hot or cold water supply, and for convenience, it is well worth having it permanently «plumbed in». Just make sure that the water pressure is within the limits given in the technical data, and, in the case of a hot water supply, that the temperature never exceeds 70 °C (158 °F).

Your local Water Authority will advise you on the average mains pressure in your area. Where the water is supplied via a cold water storage cistern, or hot water cylinder, you can work out the pressure yourself in both cases by measuring the vertical distance (or «head») between the machine's inlet hose, and the outlet from the cold water storage cistern; allowing roughly 1 psi for every 2 feet.

As to the making of the connection itself, the coupling nut fitted to the machine's supply hose is designed to screw onto either a 3/4 inch gas thread spout, or to a purpose made quick-coupling tap such as the Press-Block. To make this easier, the hose itself may be turned to the right or left. In either case, be sure to incorporate the strainer supplied with the machine onto the joint (fig. 5).

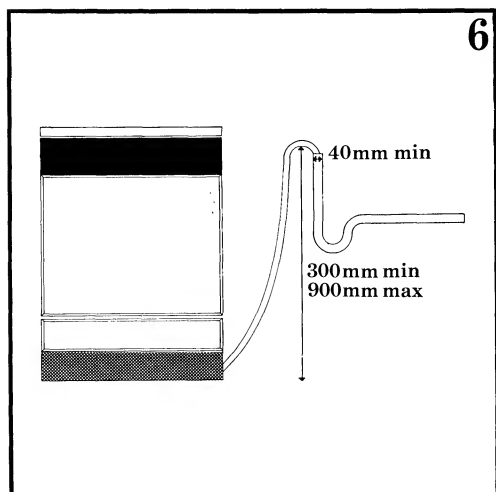


## Waste connections

Care must also be taken over the disposal of the waste water from the machine. If your dishwasher is not to be permanently «plumbed in», merely hook the curved end of the drain hose firmly over the edge of the kitchen sink, having made sure that the sink is empty, and that the waste outlet is not blocked. Otherwise, fit a P-trap and stand-pipe assembly like that in figure 6 (ensure the pipe has an internal diameter of at least 38 mm (1½ ins), and hook the drain hose into that). In this case ensure that there is an air gap between the hose and the inside of the pipe to prevent the risk of dirty water being syphoned back into the machine, and check that the top of the stand-pipe is between 300 and 900 mm above floor level. In addition, make sure that the stand-pipe/trap assembly

discharges into the same soil system as the kitchen sink.

There are just two other points to bear in mind. Firstly, with the machine in its permanent position, do check that the drain hose is not kinked, or squashed in such a way as to obstruct the flow of water. Secondly, if the drain hose supplied with the machine is not long enough to reach the desired discharge point, it can be replaced with a hose of the same internal diameter, up to 2 m long (see your local Service Network or installer).



## Electrical connections

**WARNING: THIS APPLIANCE MUST BE EARTHED.** The manufacturer declines any liability should this safety measure not be observed.

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off and the appropriate plug fitted.

The cut off plug should be disposed of to prevent the hazard of electric shocks in case it should be plugged into a 13 Amp socket in another part of your home.

**IMPORTANT:** The wires in this mains lead are coloured in accordance with the following code:

GREEN AND YELLOW - EARTH  
BLUE - NEUTRAL  
BROWN - LIVE

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug, this is what you have to do:

Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter "E" or the earth symbol  $\perp$ , or coloured green, or green and yellow.

Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter "N" or coloured black.

Connect the brown (live) wire to the terminal which is marked with the letter "L" or coloured red.

The plug moulded on to the cord incorporates a fuse. For replacement use a 13 Amp BS 1362 fuse. Only ASTA approved fuses should be used.

The fuse cover/carrier must be replaced in the event of changing fuse.

The right fuse cover/carrier colour is the one shown by the coloured insert at the base of the plug or is the colour of the inscription at the base of the plug.

The plug must not be used if the fuse cover/carrier is lost.

A replacement cover/carrier must be obtained from Zanussi Service Agents whose addresses are listed on the attached "Zanussi Service and Spares Nationwide".

**THIS APPLIANCE COMPLIES WITH  
E.E.C. DIRECTIVE NO. 82/499 OF 7.6.82  
RELATIVE TO RADIO  
INTERFERENCE SUPPRESSION.**

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# User instructions

## Getting to know your machine - DW400, DW600, DW650M, DW700 Controls and How to Use Them (see diagram page 6)

### A Start/Stop Button

Press to start, press to switch off.

### B Mains-on Indicator

This light will come on when the start button is pressed and the machine starts to operate. It will not go out until the switch is pressed to turn the machine off, once the dishwashing cycle has been completed.

### C Water Temperature Selection Button (Not on DW400)

This allows you to select a high or low water temperature. The water will normally heat up to 65°C which is the temperature required for energetic wash programmes (see Wash Programmes page 23-24). If one to the gentle programmes is required, press the button and the water will heat up to 55°C only. Press the button to release the switch and return to normal (65°C).

### D Economy Drying Button (Not on DW400, DW600 and DW650M)

Press this to cut out the final drying phase, which will not be needed if you do not intend to unload the machine for some hours after the wash cycle has been completed - overnight for example. By using this button you will save electricity.

Please note that with this selection, the crockery will take longer to dry than normal.

### E Programme Guide

This chart shows the different wash programmes available. For a detailed explanation of the programmes see the wash programme guide on pages 22-23-24.

### F Door Handle

### G Salt Refill Indicator - (Not DW400, DW600 and DW650M)

The indicator shows when the salt container needs refilling (see page 14).

### H Wash Cycle Phase Indicator

This shows which phase the machine has reached and will help to assess how much longer the programme will take to complete and also indicates that the cycle is proceeding normally.

|||| Prewash

≡ Main wash

|||| Cold rinses

✳ Warm rinse

»» Hot air drying

### I Programme Selector Dial

This is marked with letter A-D on DW400, DW600 and DW650M and A-F on DW700. The programme guide (G) helps you to decide which programme to select (see also Wash Programme Chart page 22-23-24). To set the machine to the chosen programme, press the dial, and turn it clockwise until the index points exactly to the letter for the required programme.

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## Getting to know your machine - DW1100M

Controls and How to Use it (see diagram page 6).

### A Start/Stop Button

Press to start, press to switch off.

NB Once the Start/Stop Button is depressed, it is impossible to modify the programme buttons or the economy drying button due to the safety lock device.

To cancel an incorrect selection, turn the machine off by depressing the Start/Stop Button.

### B Mains-on Indicator

This light will come on when the start button is pressed and the machine starts to operate. It will not go out until the switch is pressed to turn the machine off, once the dishwashing cycle has been completed.

### C Start Control

By depressing this button, the dishwasher will begin the programme selected.

### D Economy Drying Button

Press this to reduce the temperature of the final rinse on all programmes from 65°C to 55°C. By using this button you will save electricity.

Please note that with this selection, the crockery will take longer to dry than normal.

### E Wash Programme Buttons

There are six programme buttons for the six main programmes on the machine. Five extra programmes are available by depressing the Economy Drying Button (for all programmes except Rinse and Hold).

For details of each wash programme, see page 25.

### F Door Handle

### G Wash Cycle Phase Indicator

This shows which phase the machine has reached and will help to assess how much longer the programme will take to complete and also indicates that the cycle is proceeding normally.

|||| Prewash

≡ Main wash

||||| Cold rinses

✳ Warm rinse

»»» Hot air drying

### H Salt Refill Indicator

The indicator shows when the salt container needs refilling (see page 14).

# Using your machine

Open the machine by pulling the handle outwards.

To close the door push it back until you feel it click.

## Water Softening

The dishwasher has a completely automatic water softener. All you need to do is to fill the container with salt and then recharge it with more salt.

The water softener prevents limestone and mineral salts, present in water to varying degrees, depositing on crockery and forming whiteish marks which make the crockery look dull.

Softened water improves the cleaning action, and after rinsing, the crockery and glass should look clean and shining.

## Filling the Salt Container

### Important

To fill the container slide out the lower basket, unscrew the cap in the base of the dishwasher (fig. 7) and using the funnel supplied with the machine pour 1.5 Kg (3 lb) coarse salt into it.

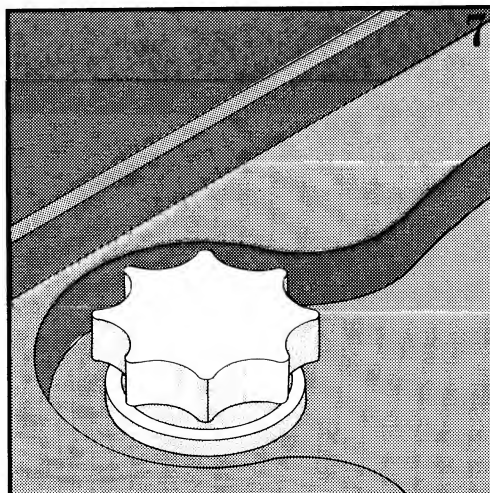
Fill the container with water (this operation should be carried out during the first salt filling).

Replace the cap making sure that there is no trace of salt on the thread of the screw or on the gasket. Screw the cap on tightly.

### Important

Use only coarse salt (which is often available from garden centres) or salt sold specifically for dishwashers.

Always refill the container immediately before starting a complete wash cycle, (not before Rinse and Hold) so that any salt granules or salt water which may flow out of the container (which will always have some water in it) during the refilling will not remain on the bottom of the tub without being properly diluted.



### **Adjusting the Water Softener**

The hardness of water varies according to the area in which you live. The harder the water the more limestone and mineral salt it contains.

Ask your Water Board to tell you the degree of water hardness in your area. The water softener in this machine is pre-set for water having a maximum hardness of 30°F (17°dH). This setting is satisfactory in most areas. If however you live in an area where the water is particularly hard - exceeding 30°F (17°dH) you can have the softener adjusted to suit a hardness up to 50°F (28°dH)

If it is necessary to adjust the machine, call the Zanussi Service Network or a qualified plumber.

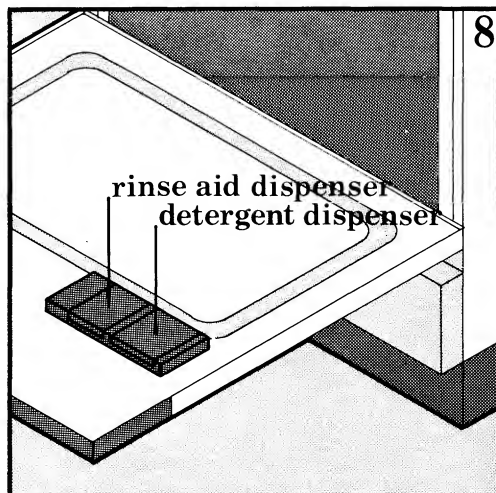
### **Important**

If you do have the water softener adjusted to suit very hard water, the salt container will need refilling more frequently.

### **Rinse Aid**

This special liquid is essential for good results. It ensures quick drying and shiny crockery and glass by helping the water to run smoothly off the items before the salts contained in the water can leave streaks and marks.

The rinse aid dispenser, which automatically dispenses the right amount of liquid at the right time, is located inside the door of the machine next to the detergent dispenser (see fig. 8).



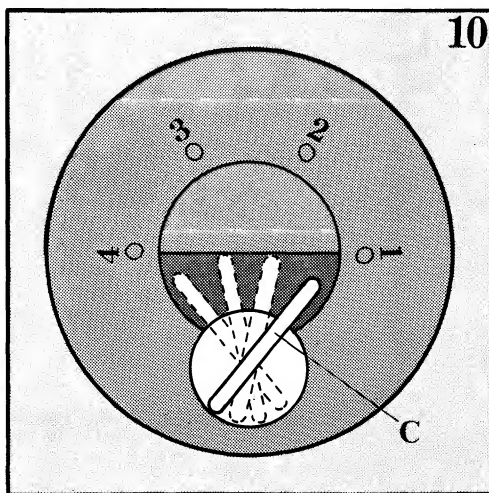
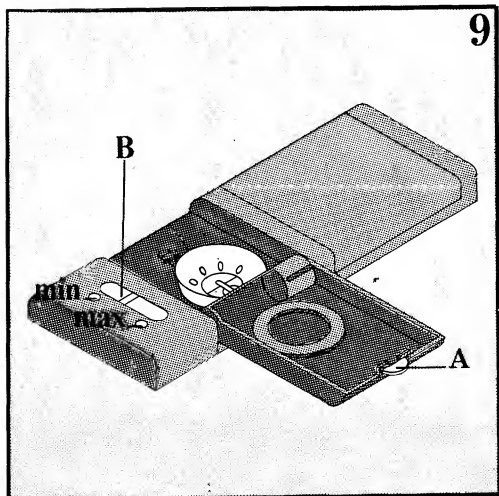
To fill the dispenser press the catch A (fig. 9) to open the lid. Pour rinse aid into the funnel. The container holds approximately 110cc of rinse aid, which will last for about 20 wash cycles.

To the left of the dispenser there is an indicator which shows the level of liquid in the dispenser B (fig. 9).

### Adjusting the Quantity of Rinse Aid.

It may be necessary to adjust the quantity of rinse aid dispensed if you live in either a very hard or a very soft water district. More is needed for hard and less for soft water. Leave the dispenser in position 1 when you first use the machine and only adjust it if, after a few cycles you notice any of the following:

Crockery remaining dull looking and/or showing occasional round spots. If this is so increase the quantity of rinse aid by turning knob C (fig. 10) towards 4.





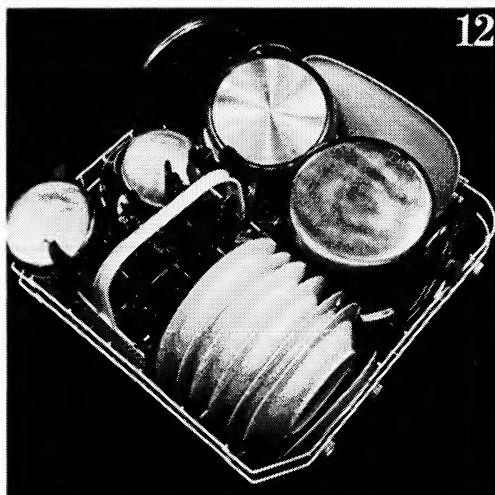
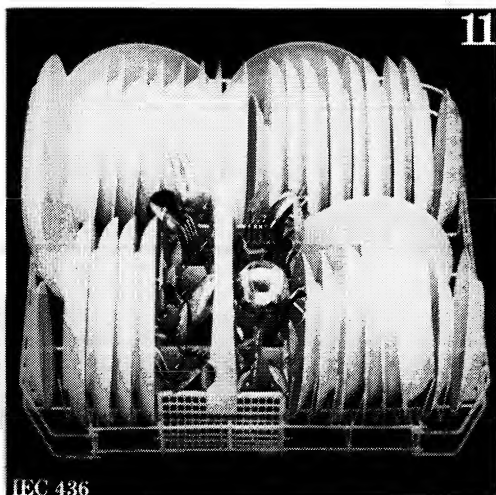
# Loading the Machine

Most tableware, cutlery and cookware can be safely washed in the dishwasher. Check the list on page 29 and do not put these items in the machine. Remove bigger scraps of food from the plates and dishes; eg small bones, fish bones, scraps of meat and vegetables - in fact anything that can be scraped off easily. This will prevent the filter from clogging. There is no need to rinse the crockery before putting it in the machine.

Open the door by pulling the handle outwards.

Slide each basket out to load it.

The lower basket is designed to take dinner plates (up to 27 cm - 10.6 ins - diameter), serving dishes, cooking bowls, pots, pans and cutlery. Cutlery should be put in the removable cutlery basket. Mix spoons with knives and forks so that they will not stick together and prevent the jets of water cleaning them properly. Unless your cutlery has very thin handles, put it in the basket with the handles downwards. If the handles are so thin that they stick through the bottom of the basket, load them with the handles upwards. The two diagrams (fig. 11 and 12) show how items can be arranged in the bottom basket.

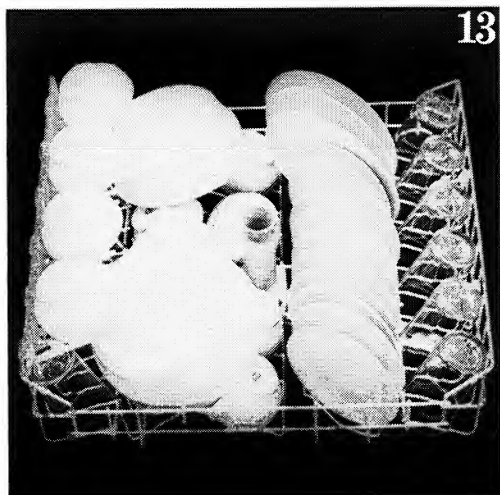


The top basket is designed to take dessert plates, tea plates, saucers, soup plates (up to 24 cm - 9.4 ins - diameter), serving dishes, cups, mugs and glasses. The two diagrams (fig. 13 and 14) show how items can be arranged in the top basket.

### **Important**

Be absolutely sure not to load the crockery in such a way that it obstructs the water inlet funnel at the centre of the basket.

After loading make sure that the spray arm can turn freely.



13



14

### Raising and Lowering the Top Basket

If you have plates over 27 cm (10.6 ins) diameter and up to 31 cm (12.2 ins) the top basket must be raised to a higher position to accommodate them. The large plates can then be stacked in the lower basket. To do this take the front runner stops off the top basket (see fig. 15) and remove the basket. Then take off the rear runner stops, pull out the slides and refit them in a higher position (see fig. 15).

Replace the rear runner stops, then the basket and finally the front runner stops.

### Note

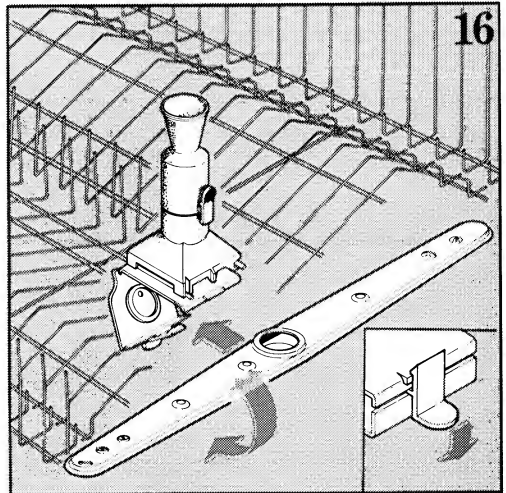
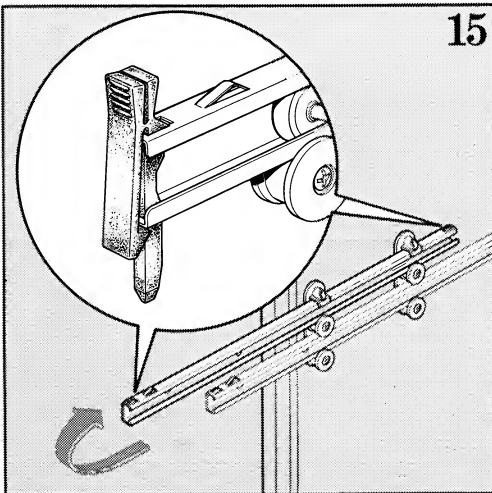
When the top basket is in the higher position, it will only take plates up to 19 cm (7.5 ins) diameter and you will not be able to use the raised cup section.

### Reversible spray arm

If a small load of heavy soiled crockery is to be washed, this can be placed only into the bottom basket. At the same time the upper spray-arm position should be reversed as per Fig. 16.

To do so, unhook the upper spray-arm from the central support and re-fit it in a reverse position (holes on the bottom). In this way the wash efficiency is improved, as the bottom basket is sprayed by both arms.

When the wash is completed, do remember to reset the upper arm to the original position (holes on the top).



### Jet Strength Control (Not on DW 400, DW 600 and DW 650 M).

The water jet strength of the upper spray arm can be adjusted by turning the water inlet funnel (see fig. 17).

+ jet strength increase  
- jet strength decrease

A lower jet strength is only needed if you are washing delicate china or fine glasses.

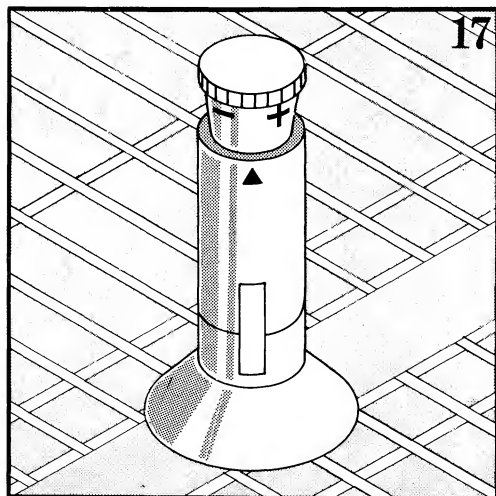
The normal position is between - and + (see fig. 17).

### Choosing the Right Detergent

Use only top quality detergent specially made for dishwasher.

### Filling with Detergent

Add the detergent after loading the machine. To do this open the detergent compartment on the inside of the door



by pushing back the lid catch E (fig. 18). Pour the detergent into the compartment. Close the lid firmly. The detergent will be automatically dispensed at the right time.

### Quantity of Detergent

This depends on the brand you use, on the degree of soil and the type of load.

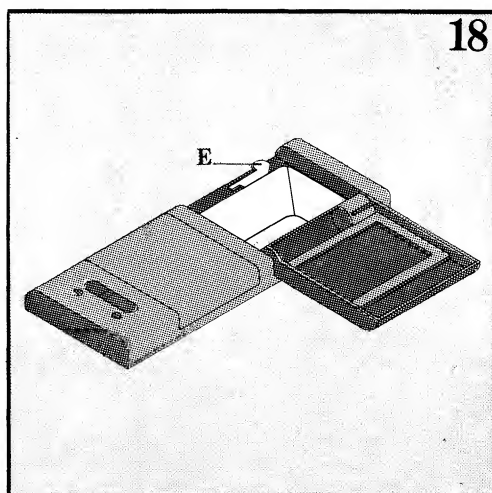
Follow the directions on the powder packet.

As a guide use:

4 tsps (25g) for normal loads

4 tsps (30g) for heavily soiled load.

If you don't use enough powder the results will be poor; on the other hand too much powder will not improve results and will just be wasted. You will soon find out the right amount to add after using the machine for a few days.



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# Programme Selection

The charts on pages 22-23-24-25 give details of the programmes which your machine is designed to carry out. You will soon discover which programmes suit your type of washing up.

If you half load the machine and want to make up a full load later in the day after another meal, use the rinse and hold programme.

## Starting the Machine

Turn on the water tap or taps which supply the machine. Make sure that the machine is plugged into the electric socket and that the switch (if any) is on. Close the door of the machine firmly after loading it and adding the detergent. Press the programme selector knob, turning it clockwise at the same time until the index points exactly to the required programme letter. If required, press the water temperature economy button (NOT ON DW400) and the economy drying button (NOT ON DW400, DW600 and DW650M).

## Note

It is important to press these buttons, if required, in the order shown on the wash cycle charts. The start button must always be pressed last (see wash programmes on pages 22-23-24-25).

## Stopping the Machine

The machine will stop automatically at the end of the wash cycle but the pilot light will remain on until the Start/Stop Button is pressed.

To stop the machine during a wash cycle, press the Start/Stop Button.

To restart the machine press the Start/Stop Button again and the wash cycle will resume where it was interrupted. At the end of the wash cycle, press the Start/Stop Button, turn off the water supply, switch off the electricity and unplug the machine.









## Warning

Do not open the door while the machine is working. There is a safety device incorporated which automatically stops the machine if it is opened accidentally.












# Washing programmes - DW400

Programme	Type of load and degree of soil	Recommended	Programme	Cycle description
<b>1</b>	Very soiled crockery, pots and cutlery	Energetic with prewash	<b>A</b>	Cold prewash Main wash up to 65°C 2 cold rinses 1 hot rinse
<b>2</b>	Normally soiled crockery, pots, pans and cutlery	Energetic no prewash	<b>B</b>	Main wash up to 65°C 2 cold rinses 1 hot rinse
<b>3</b>	Normally soiled crockery and cutlery	Universal no prewash	<b>C</b>	Short main wash up to 65°C 2 cold rinses 1 hot rinse
<b>4</b>	Partial load (to be completed later in the day)	Rinse & hold	<b>D</b>	Cold rinse to prevent food scraps from drying and sticking to the dishes

# Washing programmes - DW600 / DW650M








Programme	Type of load and degree of soil	Recommended programme	Programme knob setting	Required pushbutton	Cycle description
<b>1</b>	Extremely soiled crockery, pots, pans and cutlery	Energetic with prewash	<b>A</b>		Cold prewash Extended main wash up to 65°C / 2 cold rinses 1 hot rinse
<b>2</b>	Normally soiled crockery, pots, pans and cutlery, with a reduced quantity of food scraps	Energetic no prewash	<b>B</b>		Extended main wash 2 cold rinses 1 hot rinse
<b>3</b>	Lightly soiled crockery, pots and cutlery	Universal no prewash	<b>C</b>		Main wash up to 65°C 2 cold rinses 1 hot rinse
<b>4</b>	Normally soiled crockery, plates and saucers, glasses and cutlery	Economy with prewash	<b>A</b>	 	Cold prewash Extended main wash up to 55°C / 2 cold rinses 1 hot rinse
<b>5</b>	Lightly soiled dishes and glasses with delicate decorations	Gentle no prewash	<b>C</b>	 	Main wash up to 55°C 2 cold rinses 1 hot rinse
<b>6</b>	Partial load (to be completed later in the day)	Rinse & hold	<b>D</b>		Cold rinse to prevent food scraps from drying and sticking to the dishes

# Washing programmes - DW700

Pro-gramme	Type of load and degree of soil	Recommended programme	Programme knob setting	Required push-button	Cycle description
<b>1</b>	Extremely soiled crockery, pots, pans and cutlery	Energetic with prewash	<b>A</b>		Cold prewash / Extended main wash up to 65°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>2</b>	Normally soiled crockery, pots, pans and cutlery, with a normal quantity of food scraps	Universal with prewash	<b>C</b>		Cold prewash / Main wash up to 65°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>3</b>	Normally soiled crockery, pots, pans and cutlery, with a reduced quantity of food scraps	Universal no prewash	<b>D</b>		Main wash up to 65°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>4</b>	Lightly soiled crockery, pots and cutlery	Economy with prewash	<b>A</b>	 	Cold prewash / Extended main wash up to 55°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>5</b>	Normally soiled crockery, plates and saucers, glasses and cutlery	Economy no prewash	<b>B</b>	 	Extended main wash up to 55°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>6</b>	Lightly soiled dishes and glasses with delicate decorations	Gentle no prewash	<b>D</b>	 	Main wash up to 55°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>7</b>	Partial load (to be completed later in the day)	Rinse & hold	<b>F</b>		Cold rinse to prevent food scraps from drying up and sticking to the dishes
		Economy drying			If you require this type of drying, depress the relevant button



# Washing programmes - DW1100M

Programme	Type of load and degree of soil	Recommended programme	Buttons to be depressed	Cycle description
<b>1</b>	Extremely soiled crockery, pots, pans and cutlery	Intensive with prewash	 ① ▶	Prewash at 55°C / Main wash up to 65°C / 2 cold rinses / 1 hot rinse/ hot air drying
<b>2</b>	Very soiled crockery, pots, pans and cutlery	Energetic with prewash	 ① ▶	Cold prewash / Extended main wash up to 65°C / 2 cold rinses / hot air drying
<b>3</b>	Normally soiled crockery, pots, pans and cutlery	Universal with prewash	 ① ▶	Cold prewash / Main wash up to 65°C / 2 cold rinses / 1 hot rinse/ hot air drying
<b>4</b>	Lightly soiled crockery, pots and cutlery	Economy with prewash	 ① ▶	Cold prewash / Extended main wash up to 55°C / 2 cold rinses / 1 hot rinse / hot air drying
<b>5</b>	Lightly soiled dishes and glasses with delicate decorations	Gentle no prewash	 ① ▶	Main wash up to 55°C 2 cold rinses / 1 hot rinse / hot air drying
<b>6</b>	Partial load (to be completed later in the day)	Rinse & hold	 ① ▶	Cold rinse to prevent food scraps from drying up and sticking to the dishes
		Economy drying		If required, depress after selecting wash cycle

# Taking Care of Your Machine

## Important

Make sure that the machine is unplugged and the water turned off before undertaking any kind of maintenance.

Please note, when moving house make sure that the machine is not tilted too much during transport.

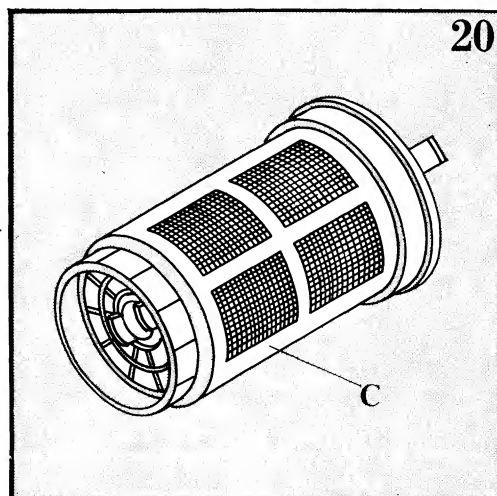
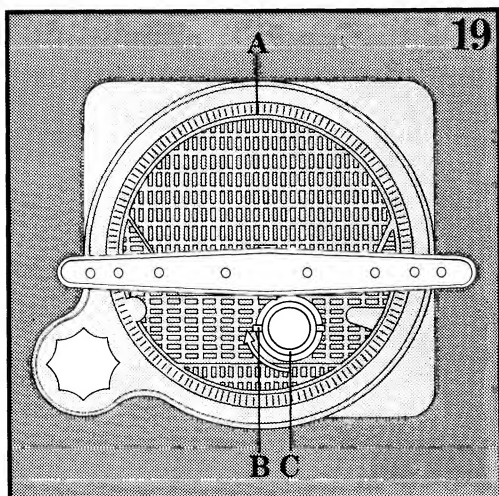
## General Cleaning

Inspect the filters and spray arm nozzles before re-loading the machine and remove any food scraps. Wipe round the rubber gasket at the bottom of the door to remove grease which tends to collect there.

## Cleaning the Filters

It is essential to clean the filter system regularly. It can easily get clogged with scraps of food which will cause the machine to work inefficiently.

There are three filters (see figs. 19 & 20 below), one large circular fin-mesh filter (A) and two small cone-shaped ones (B & C).

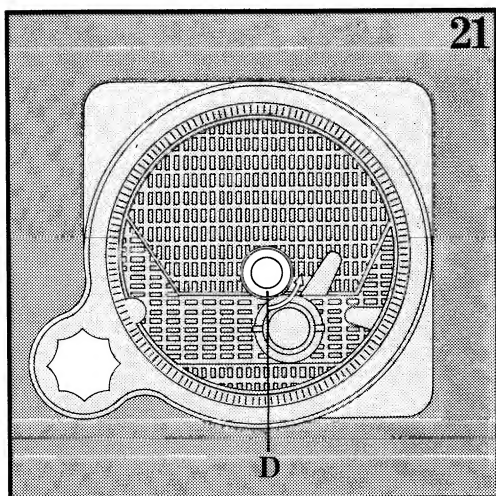


Inspect, and if necessary clean, the cone-shaped filters (C fits inside B) after each wash cycle. Remove them both by turning the outer one (B) clockwise until it disengages. Then remove the inner one (C) by squeezing the two plastic tongues at the bottom of the outer filter (B). Remove any food scraps and clean thoroughly with a stiff saucepan brush and hot sudsy water.

The large fine mesh filters (A) should be thoroughly cleaned about every two months. To remove the filter (A), first take off the bottom spray arm by releasing the securing catches and lifting it up. Unlock the base of the spray arm (D) (fig. 21) and then lift out the filter. Clean it with a stiff saucepan brush and hot sudsy water. Replace the filters and the spray arm making sure that all the parts are securely in position.

### **Important**

Never use the dishwasher unless the filters and spray arm are firmly in the correct position.



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### **Cleaning the Spray Arm Nozzles**

The holes in the spray arm nozzles must be kept free of scraps of the efficiency of the washing action. Inspect the spray arms regularly. When thorough cleaning is necessary remove the bottom spray arm by releasing it from its securing catches and pulling it out (see fig. 19).

Wash the spray arm in hot sudsy water, using a stiff saucepan brush if necessary to remove scraps. Reassemble carefully, making sure the catches are secure.

To clean the top spray arm and nozzles, slide out the top basket, then unhook the spray arm from the central support (see fig. 16). Remove and wash the parts as above.

Reassemble the parts carefully.

### **Cleaning the Cabinet**

Wipe the outside of the cabinet and control panel regularly with a soft damp cloth. When necessary use a liquid kitchen or household cleaner to remove bad marks, rinse with a damp cloth and rub up with a soft duster. Never use abrasive cleaners which could damage the surface.

If the machine is not going to be used for some time take the following precautions:

Unplug the machine and turn off the water supply.

Fill up the rinse aid container.

Make sure that the tub is clean by carrying out the Rinse and Hold programme and then dry the inside thoroughly.

Leave the door ajar.

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# Making the most of your Machine

- Be careful always to load the racks correctly.
- It is more economical and efficient to wash a full load of crockery etc than a half one, even if you only have to do this once a day.
- Load the baskets immediately after clearing the table. If the crocks etc are greasy and there are not enough to justify doing a full cycle, set the machine to do the Rinse and Hold programme.
- Once the machine is full, select the correct programme and wash a load.
- If you have to buy more crockery, pots and pans check that they are «dishwasher proof». This will be marked on the crockery, on the packing material, or in the brochure or leaflet. If in doubt ask the retailer.
- Silver tableware and cutlery can be washed safely in the dishwasher but make sure it is not touching any stainless steel items. If it is, there could be a chemical reaction between the two metals caused by the oxidising effect of soapy water resulting in spots on the silver.  
As a precaution never put silver and stainless steel in the same basket.
- Saucepans and casseroles with burnt on food should be soaked before you put them in the machine and the worst of the soil should be removed as it soaks off.
- Saucepans and casseroles free of burnt on food can be machine washed very satisfactorily.

## **Do Not Put the Following in Your Dishwasher**

- Cutlery with wooden or horn handles or glued parts.
- Saucepans with wooden handles unless they are sold as dishwasher proof.
- Aluminium ware.
- Crystal ware.
- Plastic articles unless they are sold as dishwasher proof - if you do not know don't risk it as the plastic may soften and the article will be distorted and spoiled.
- Fine decorated and antique china.  
Most modern china has what is known as underglaze decoration and this is usually dishwasher proof but you should always check. Old china and some modern fine china has overglaze decorations which can wash off in a dishwasher so don't take risks if you have not got the manufacturer's assurance.

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# Servicing

If, having followed these instructions carefully, your machine fails to work properly, contact your local Zanussi Service Network. Before you do that, though, it is worth making a few simple checks yourself.

## **If the machine won't start...**

- Make sure the appliance is properly plugged in and that the socket switch is in the «on» position.
- Check that there is power in the socket, by plugging in an appliance which you know to be working - a small lamp for example. If this too fails to work, check the main circuit fuses in your home's consumer unit or the main fuse box.
- Make sure the water tap is fully open.
- Check that the door is firmly shut.
- Check that you have set the programme selector knob correctly and pressed the start button.

## **If the machine won't fill...**

- Make sure taps and stop cocks are turned on.
- Make sure the supply hose/hoses are not sharply bent.

## **If the machine won't drain...**

- Check that the drain hose is not bent, blocked, or obstructed in any other way.
- Make sure that the filter is not clogged.

## **If the crockery does not come out clean...**

- Make sure that you are using a detergent specially made for dishwashers.
- Make sure that you are using enough detergent.
- Check that you have loaded the crockery etc correctly.
- Check that the spray arms are able to turn freely and that the nozzles are not blocked or obstructed.
- Make sure that the filter is clean.

## **If you find the crockery streaked with lime deposits...**

- Check that there is enough salt in the container
- Check that there is enough rinse aid in the container.
- Make sure that the quantity of rinse aid being dispensed is sufficient (see page 16).

## **If you find traces of tea and coffee or lipstick left on the crockery...**

- Make sure you are using enough detergent.

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**If you think that the crockery or cutlery has a salty taste...**

- Make sure that the cap of the salt container is tightly screwed down.

**If the machine vibrates badly or is too noisy...**

- Check that the machine is absolutely level.
- Check that there is sufficient clearance between the machine and nearby walls, cabinets etc.
- Check that all the internal packing, plastic spacers, and transit security bolts have been removed.
- **The crockery is not completely dry**

If the crockery remains in the machine for a long period of time after washing, condensation may occur on the inner walls of the dishwasher and on the crockery itself.

**IN-GUARANTEE CUSTOMERS SHOULD ENSURE THAT THE ABOVE CHECKS HAVE BEEN MADE AS THE ENGINEER WILL MAKE A CHARGE IF THE FAULT IS NOT A MECHANICAL OR ELECTRICAL BREAKDOWN.**

**\* Please note that proof of purchase is required for any in-guarantee service calls.**

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# Peace of mind for twelve months

## ZANUSSI STANDARD GUARANTEE CONDITIONS

This guarantee is in addition to your statutory and other legal rights which will not be excluded or in any way diminished by the return of this guarantee card.

We, ZANUSSI Ltd, undertake that if, within twelve months of the date of the purchase, this ZANUSSI appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option, repair or replace the same **FREE OF ANY CHARGE** for labour, materials or carriage on condition that:

The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.

- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's operating and maintenance instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
- The appliance is still in the possession of the original purchaser.

All service work under this guarantee must be undertaken by a Zanussi Network Service Centre.

Any appliance or defective part replaced shall become our property.

## Exclusions

This guarantee does not cover:

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.
- Costs incurred for calls to put right machines improperly installed or calls to machines outside the UK and the Republic of Ireland.
- Appliances found to be in use within a commercial environment, plus those which are the subject of rental agreements.
- Television receivers-routine adjustment, or poor reception resulting from a source outside of the receiver.



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# or five years

## ZANUSSI 5 YEAR COVER CONDITIONS

For a once-only payment you can extend your Standard Guarantee to 5 years. All the conditions and exclusions of the Standard Guarantee apply.

### Notes

- 1. Products supplied as “seconds”, refurbished, damaged or shop-soiled are not eligible for Zanussi 5 Year Cover.
- 2. The issue of a cover does NOT by virtue of our having done so, nullify the exclusions.

- 3. The Engineer will need to check the details of your Cover card and may make a charge for his services if it is not presented to him at the time of his call.
- 4. The date of purchase, or the date of initial payment (deposit) of the appliance will be deemed the date of commencement of cover.
- 5. Covers issued are not refundable or transferable.

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## Guarantee Record

Appliance purchased from \_\_\_\_\_ on \_\_\_\_\_

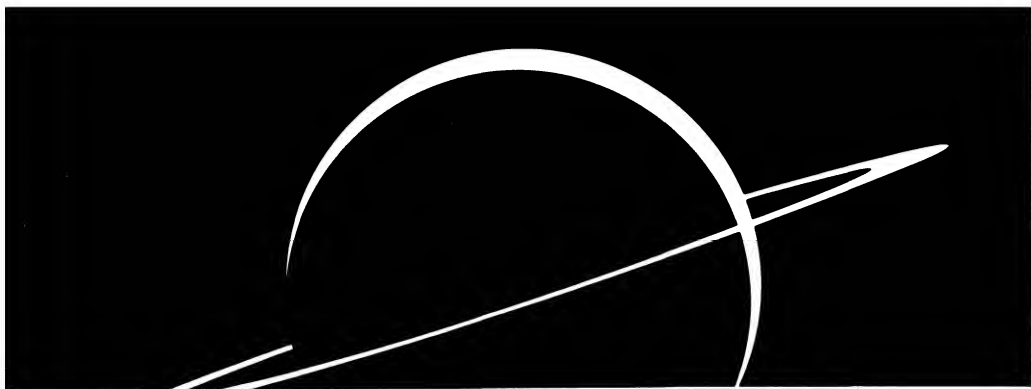
Guarantee card no \_\_\_\_\_ Model no \_\_\_\_\_

Serial no \_\_\_\_\_ (These details may be taken from your Guarantee Record Card)

Your name \_\_\_\_\_

Address \_\_\_\_\_

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# ZANUSSI

The appliance of science

Zanussi Ltd., Zanussi House, Newbury

The information in this manual is correct at time of going to press.

Zanussi reserve the right to alter specifications without notice.